

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Laurence M. Hubby, Jr.

Confirmation No.: 3883

Application No.: 09/859,648

Examiner: Brian Yenke

Filing Date: 05/16/2001

Group Art Unit: 2614

Title: Optical Systems for Full Color Video Projector Using Single Light Valve with Plural Sub-Pixels Reflectors

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
( ) No additional fee  
(X) Other: Return Receipt Postcards (2); Interview Summary (fee \$ )  
Supplemental IDS with Form PTO/SB/08AB; Cited References (2)

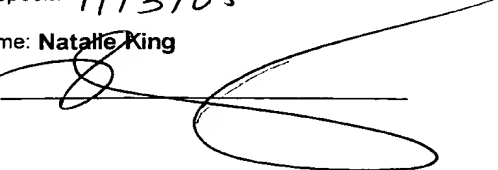
CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	37	MINUS	36	= 1	X \$50	\$ 50
INDEP. CLAIMS		MINUS		= 0	X \$200	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 50

Charge \$ 50 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: 4/13/05

Typed Name: Natalie King

Signature: 

Respectfully submitted,

Laurence M. Hubby, Jr.

By 

James D. Shaurette

Attorney/Agent for Applicant(s)

Reg. No. 39,833

Date: 4/13/05

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

Date of Deposit: 4-13-05  
Typed Name of Person Mailing Paper or Fee: Natalie King  
Signature: \_\_\_\_\_



**PATENT APPLICATION**  
**DOCKET NO. 10001006-1**

**IN THE**  
**UNITED STATES PATENT AND TRADEMARK OFFICE**

**INVENTOR(S):** Laurence M. Hubby, Jr.

**SERIAL NO.:** 09/859,648

**GROUP ART UNIT:** 2614

**FILED:** May 16, 2001

**EXAMINER:** B. Yenke

**SUBJECT:** Optical System for Full Color, Video Projector Using Single Light Valve with Plural Sub-Pixel Reflectors

**MAIL STOP FEE AMENDMENT**  
**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA VA 22313-1450**

**INTERVIEW SUMMARY B**

**SIR:**

Applicant wishes to thank the Examiner for the courtesies extended to the undersigned during the telephone interview of April 8, 2005. Applicant also appreciates the recognition of allowable subject matter of claims 1-17.

The undersigned stated during the interview that the combination of Suzuki with Bernstein is inappropriate inasmuch the two references are directed towards disparate technologies which have not been demonstrated to be properly combinable with one another in the art as proposed by the Office and as set forth in additional detail in the accompanying response. Suzuki is directed towards liquid crystal displays (LCD), field emission displays (LED), electroluminescent displays (ED), and light emitting displays (LED) as set forth in col. 1 of Suzuki. Bernstein is

*Serial No. 09/859,648*  
*PDNO. 10001006-1*  
*Interview Summary B*

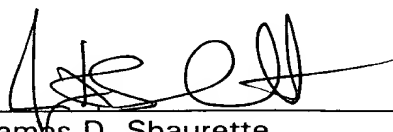
directed towards *micromirror display systems which operate to reflect light to generate images*. Applicant has failed to uncover in Suzuki any teachings directed towards mirrors, reflection of light, micromirror structures or related technology as disclosed in Bernstein. Applicant submits herewith a reference which discloses further information regarding micromirror devices and a color wheel filter for generation of images. Applicant respectfully submits that the art fails to disclose or suggest the claimed reflective micro-mirror light valve comprising the claimed screen pixels arranged to form parallel stripes corresponding to the size and configuration of the color stripe illumination pattern defined in claim 18 and claims 18-36 are allowable for at least this reason.

Although the Office did not allow claims 18-36 as a result of the interview, Applicant's arguments during the interview regarding the improper combination of Suzuki and Bernstein were well received by the Examiner and it was indicated by the Examiner that claims 18-36 should be allowable if a subsequent search fails to uncover the limitations recited in claim 18 which recites the color stripe illumination pattern which is not disclosed nor suggested by Bernstein. Also, the undersigned and the Examiner discussed limitations of claims which depend from claim 18 which were favorably received by the Office with respect to patentability and the substance of which is described in further detail in the accompanying response.

Applicant respectfully requests allowance of all pending claims for the reasons presented herein and in the accompanying response.

The Examiner is requested to phone the undersigned if the Examiner believes such would facilitate prosecution of the present application. The undersigned is available for telephone consultation at any time during normal business hours (Pacific Time Zone).

Respectfully submitted,  
Laurence M. Hubby, Jr.

By:   
James D. Shaurette  
Reg. No. 39,833  
Date: 4/13/05  
(509) 624-4276

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PDNO. 10001006-1  
Interview Summary B